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ABSTRACT

An annotated bibliography describes toys and games appropriate for a library serving the mentally retarded. Materials cited are entered under communication skills, concepts, life skills, motor skills, and sensory skills. A listing of publishers' and manufacturers' addresses is included. (NR)

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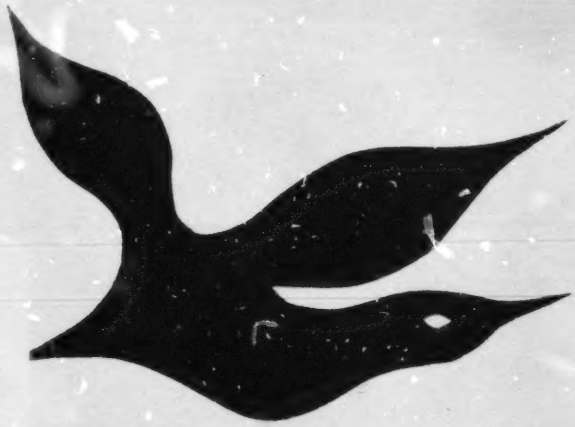
PLAY AND LEARN WITH TOYS

A BIBLIOGRAPHY OF TOYS THAT "TEACH INSTITUTIONALIZED CHILDREN"



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PLAY AND LEARN WITH TOYS

A BIBLIOGRAPHY OF TOYS THAT "TEACH INSTITUTIONALIZED CHILDREN"

PREPARED THROUGH THE COOPERATION OF:

Redfield State Hospital & School
Redfield, South Dakota

&

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Pierre, South Dakota

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PREFACE

When long range plans for starting a library for mentally retarded individuals were formulated, it was stressed that all library services should be considered with the needs of the handicapped individual in mind. Since the library would be located within the school area of the institution, an experimental program utilizing toys and games adapted to mentally retarded individuals was begun.

Because no list of selection aids could be found, toys and games were purchased on an experimental basis to be used with the residents, and results of the testing are being observed by the staff.

This bibliography was compiled under subject headings which best indicate the use of the material. Some items are listed under several headings. It is not a complete listing and does not include materials which would more properly come under the heading of "teaching aids."

No statistics have been compiled on the value of the materials listed. However, on the basis of the size of this collection, a teacher-coordinator will inform the teaching staff of materials which can be found in the library and will suggest uses for individual needs.

-- Betty Siedschlaw
Consultant to State Institutions
South Dakota State Library
Pierre, South Dakota 57501

COMMUNICATION SKILLS

ABC LOTTO (Ed-U-Cards)
Six playing boards (6½ x 7") and 36 discs. Board is divided into 6 areas each showing a letter of the alphabet or a number and a picture to correspond (ex. A for apple). Child matches cardboard disc (2 1/8" x 3¼") to similar picture.

BINGO GAME (Milton Bradley)
50 card set with plastic embossed number pieces. Can be played by several. Aids in identifying numbers and expressing selection to other players.

HI-HO, CHERRY-O (Whitman)
An easy spinner game for ages 4 - 8. Teaches individual to express his moves to other players.

INSIDE STORY PUZZLES (Childcraft)
Life the bus and see the people, lift the bakery and see the cakes. Three puzzules are perfect for story-telling and vocabulary building. All are painted on wood 7" x 19".

PRINCESS PHONE (ETA)
A child's version of the most modern telephone. This hard-wood replica has realistic movable dial and strong nylon cord. Used for housekeeping play. 8 3/4" x 3½".

SCRABBLE (SelRite)
A game utilizing the alphabet- to encourage recognition of letters and words. For 2, 3, or 4 players.

SEE-INTO PUZZLES (Childcraft)
A set of 4 colorful puzzles. Lift up knobs disclose room's contents. An effective vocabulary builder for deaf children, mentally retarded children, and others with limited language development. Enamel wood, 8½" x 10".

TROUBLE GAME (Kohner)
Plastic playing board and 16 "men" (4 each of 4 colors). Player moves 4 men around circular playing track to "finish" area.

CONCEPTS

ABC LOTTO (Ed-U-Cards)
The playing board is divided into six areas each showing a letter of the alphabet or a number and a picture to correspond. Child matches the cardboard disc containing similar number, letter, or picture to area on board. Individual must identify and match playing discs.

CONCEPTS (Continued)

ABACUS (MB)
Expresses number facts in visual terms. Ten rows of colored beads on plated steel rods are mounted in a wooden frame which stands on wooden legs.

BIRD FUN (Built-Rite Toys)
8 cardboard bird pictures (3 3/4" x 6 3/4") with removable beads and identifying titles which must be matched to correspond with empty areas on the card. Titles are in various shapes, heads of birds are on circles.

CANDY LAND (Ed-U-Cards)
Game for ages 1 - 4. Promotes beginning concepts in reading.

DIMENSIONAL PUZZLE (Creative Playthings)
Fit-in geometric shapes in primary and secondary colors. Each of the twelve colorful shapes in this puzzle has a raised center piece over which fits the same shape in another color making a three-dimensional puzzle.

FARM LOTTO (Ed-U-Cards)
Card game - preparation for community living for child with special needs.

FLIP-CHEX (Educational Aids)
A kit containing 12 puzzles (8 pieces each) with colored pictures or shapes on each side. Can be used to assist in teaching sequencing, matching, work discrimination, rhyming and number concept.

GIANT FLOOR PUZZLE (Child Guidance)
12 giant jigsaw pieces makes a giant puzzle (38" x 28"). Completed puzzle tells a funny story and teaches counting and number concepts. For ages 3 - 7.

HEADACHE (Kohner)
Chase game for 2 - 4 players. Plastic game board.

HI-HO, CHERRY-O Whitman)
An easy spinner game for ages 4 - 8.

LEGO SYSTEMS (Educational Aids)
An aid that stimulates the growth of natural creativity. Interlocking bricks snap together and pull apart. A combination of sizes, shapes, and colors designed for maximum range of creative possibilities. (402 pieces)

MATCH MATES (Creative Playthings)
10 number-learning puzzles for 3 - 6 year olds. Learn to associate numerals and quantities.

CONCEPTS (Continued)

NUMBER LEARNER (Childcraft)
15 colored foam squares representing numbers from 1 - 5 must be fitted over wooden pegs that stand for each number. Teaches simple number concepts. Excellent for blind children, youngsters with learning disabilities and other handicapped children. Wooden base 4" x 16".

PERCEPTION PUZZLES (DLM)
These colorful wooden puzzles offer an interesting approach to perceptual learning. Five pigs (or chickens) differing in size, present an exercise in graduation, demonstrating concepts of biggest, smallest, in-between, bigger-than, and smaller than. Each 10½" x 3¼" puzzle includes a clear wood field in an attractive box.

PICTURE LOTTO (Merit)
For up to 7 players four years and up. 54 cardboard squares (2" x 2") match picture and title on 6 playing boards, 7" x 7".

RAGGEDY ANN (MB)
For 2, 3, or 4 players, ages 4 to 8. Players build pictures of Raggedy Ann and Witch Wiggle using cards obtained by matching the spin of the spinner with characte on the board. No reading required.

SCRABBLE (SelRite)
A game utilizing the alphabet - to encourage recognition of letters and words.

SHAPE CONCEPT FORMS (Childcraft)
Set of cutout forms representing eight common geometric shapes. For each cutout there is a corresponding colored inset with a knob to facilitate handling. Cutouts and insets can be traced or fitted together to permit comparisons.

SHAPES/FORMS BOARDS (Ideal)
10½" x 2½" x ¼" rubber strips in color, each with cut-out geometric shapes or pictures which can be removed and rearranged.

SORRY (Parker Bros.)
A slide-pursuit game for ages 8 to adult. 2 - 4 players.

SPIROGRAPH (Kenner)
18 transparent plastic wheels, 2 rings, 2 racks, 4 ball point pens (colored). Baseboard and paper patterns book in a fitted storage tray. A simple way for all ages to learn to draw patterns.

TALKING TOYS (Mattel)
Circular plastic "talking boxes" 10" diameter with pictures on the face and dial which, when pointed to individual pictures and string is pulled, gives sound corresponding to picture. Topics include "The Bee Says", "The Farmer Says", and "Mother Goose Says." Valuable in increasing attention span, picture-word association and motor coordination.

CONCEPTS (Continued)

THREE BEARS PUZZLE (ETA)
Gives the child practice in recognizing size differenceswith the factor of shape involved. This puzzle has been used with blind children of kindergarten age. The bear forms are raised.

UNITED STATES PUZZLE (Childcraft)
The map of the United States is to be assembled. Pieces are cut from hardwood. Brightly colored states are imprinted with the names of capital cities and symbols showing the principal products and industries.

WORLD AROUND US LOTTO (Ed-U-Cards)
Children learn through play to relate to home and community through word and picture association. 12 cardboard playing boards (6½" x 7"), 70 playing cards (1 3/4" x 3") contain same pictures that are shown on playing boards. Child matches pictures.

ZOO LOTTO (Ed-U-Cards)
An effective aid for children with special learning needs in school or home. Ages 3 - 8.

LIFE SKILLS

ANIMALS IN THE ZOO (Dick Blick)
Unbreakable vinyl realistic zoo animals in their natural habitats. Natural colors. Animals are ½" to 14½" high. Can be handled and set up in their plastic habitat-setting. Sets include: Zebra-Deer, Elephant-Giraffe-Camel, Polar bear, Lion, and Tiger. Each set includes large animal and two babies and a cage.

COLOR GARAGE (ETA)
To teach color matching and color identification - also could be used to teach driving safety. The child matches colors by rolling cars into the section of the garage that matches the color of the car. Good for cerebral palsied child of kindergarten age or older mentally retarded children.

FARM ANIMALS (Creative Playthings)
7 vinyl farm animals for ages 3 - 7. Excellent play experience for imaginary visits to the countryside.

FARM (Fischer Price)
Big red barn and silo hold a fascinating array of large scale farm figures and equipment to assist child in relating to community life skills. 11" x 8 3/4" x 7½".

LIFE SKILLS (Continued)

FARM LOTTO (Ed-U-Cards)
Preparation for community living for child with special needs. Game is suitable for ages 3 - 8.

FUZZY-WUZZY LACING CARDS (Whitman)
6-hole punched lacing cards and 6 plastic laces. Various objects and designs can be outlined with laces. Teaches idea of basic sewing stitches and utilizes motor skill.

GO-TOGETHER LOTTO (Ed-U-Cards)
Especially adapted to observing relationships between familiar objects. Six cardboards (6 7/8" x 6½") each showing six pictures of identifiable objects. Matched by 3½" x 2¼" cardboard pieces showing persons or things that fit to the picture. Can be played by one or more.

INSIDE STORY PUZZLES (Childcraft)
Lift the bus and see the people, lift the bakery and see the cakes. Three puzzles are perfect for story-telling and learning about community occupations.

JET PLANE (Fischer Price)
Manipulative pull toy is made of tough plastic. Makes a whirring sound and the door lowers allowing small wooden people to be removed from plane. 13½" x 6¼" x 11 3/4". For ages 2 - 6.

LACE-A-SHAPE (Trend Enterprises) Numbers 1-15.
LACE-A-SHAPE (Trend Enterprises) Numbers 1-40
20 colored plastic laces and 20 cards. Holes are numbered from 1-15 or 1-40. Concept of sewing to follow numbers and learning numbers.

LACING BOARDS (Play Hour)
Colorful laces weave in and out of durable hardboard pictures. Ideal for developing hand and eye coordination. 11" x 8 3/4".

LINCOLN LOGS (Playskool)
210 pieces. Ideal for individual or group activity. Made of selected wood in standard 3/4" diameter, with gables, chimneys, roof pieces and design. Can be used to teach construction of buildings, barns, etc. with which the child can identify.

MAP OF THE WORLD (Playskool)
12" x 19" map of heavy laminated wood board. Lift up the pieces to see the principal countries under the world's oceans and continents.

MECHANICS BENCH (Nasco)
Colorful plastic bench, screws, nuts, bolts, and wrenches. Teaches color association and manual dexterity. Ages 3-7.

LIFE SKILLS (Continued)

MOTHER'S HELPER (MB)
A game for 2 to 4 players, ages 5 - 10. Object is to race through the house helping mother with her chores.

OCCUPATION PUZZLES (Childcraft)
Six realistic puzzles portray men and women in working situations. 9" x 12" wooden puzzles.

PRINCESS PHONE (ETA)
This child's version of a modern telephone has realistic movable dial and strong nylon cord. Used for housekeeping play.

POSTAL STATION (Playskool)
Plastic reproduction of postal mail box with eight geometric wooden blocks to fit into respective slots. Box is painted red and blue for instant recognition. 10 3/4" x 6½" x 6 1/8".

POUNDING BENCH (Playskool)
Tight pegs challenge the child to develop eye-hand coordination and afford him an emotional outlet. 12" x 6 3/4" x 5½".

SCHOOL BUS (Fisher Price)
7 toy children color match seats in the bus. Engine runs "brum-brum." Strong wood body and plastic roof. Bus is 13" long. Ideal for teaching safe school bus procedures.

SCULPTURED RUBBER ANIMALS (Constructive Playthings)
Accurately scaled, realistic reproduction of familiar animals with particular attention to coloring and natural features. Contoured rubber and proportioned bodies make them particularly valuable for visually handicapped.

SEE-INTO PUZZLES (Childcraft)
A set of four colorful puzzles. Lift up knobs disclose room's contents. An effective vocabulary builder for deaf children, mentally retarded children, and others with limited language development. Enamel plywood, 8½" x 10".

SEWING CARDS (MB)
6" x 8" cardboard cards with punched outline of animals. Plastic tipped laces are used to sew around picture. Improves coordination and concentration.

SIMPLEX WOODEN PLAY BOARD (Childcraft)
11½" x 8¼". Scenes of zoo animals, classrooms, etc. Cutouts can be lifted from the puzzle board by small knobs and used as stand-up figures in slots on the puzzle board.

TAKE-A-PART HYDRANT (Playskool)
Plastic hydrant with colored knobs, bolts, and screws (red, blue, green, and yellow). 5½" diameter, 12" high.

LIFE SKILLS (Continued)

TINKER TOOLS (Questor)
Brightly colored plastic nuts, bolts, hammer amd screw driver amd a screw driver and a piastic form for them to fit into. For ages 1 - 5.

WHAT'S MISSING LOTTO (Ed-U-Cards)
Skills in observation and classification are increased. Pictures of farmyard, street scene, store, and playground are mounted on heavy cardboard. (6½" x 9¼"). Items missing in the pict re are shown on 1½" x 1½" pieces and matched to the pictures. 24 matching squares and 4 playing boards.

WHICH ROOM LOTTO (ETA)
23" x 5½" x ½" wooden frame divided into three recessed sections. Six 2¼" x 2¼" wooden squares for each section contain pictures of items which can be bound in one of the pictures within the recessed section. Each picture is of a different room in the house.

WORLD AROUND US LOTTO (Ed-U-Cards)
Children learn through play to relate to the home and community. Child matches pictures on playing cards to same pictures shown on playing board.

ZOO ANIMALS (Dick Blick)
Six wooden animals realistically painted (elephant, giraffe, lion, zebra, tiger and polar bear). Range in size from 1 3/4" high to 6¼".

MOTOR SKILLS

ANIMAL AND BIRD STENCILS (Kenworthy Educational Service)
12 cardboard stencils of animals familiar to children.

ANIMAL LEARNING SHAPES (Ideal)
8 rubber squares in assorted colors, each with an animal cut-out which can be removed and replaced.

ANIMAL WOODEN PLAYBOARD (Simplex Toys)
14 stand-up pieces with easy-lift knobs.

BABY CHERCHE (ETA)
Hardwood squares with 17 vari-sized circles and half-circles which fit into recessed spaces. ½" x 7½" x 7½".

BEADED PEGS AND PEG BOARD (Ideal)
Eye-hand coordination and concrete demonstrations of number problems and color sorting and pattern building. 100 hole pegboard and small beaded pegs, in six colors. Board 6" x 6".

MOTOR SKILLS (Continued)

BINGO FAME (MB)
50 card set with plastic embossed numbered pieces. Player must coordinate eye-hand concept to play the game.

BIRD FUN (Built-Rite Toys)
Bird pictures are on 6 3/4" x 6 3/4" cards. Cut-out heads of birds and identifying titles may be removed and then matched by player to correct bird body and shape-opening of the title.

CASPER THE FRIENDLY GHOST GAME (MB)
For 2, 3, or 4 players. Simple but exciting. Object to be the first to move 4 ghosts into haunted house. For ages 5 - 12.

CELLO-BUILD Counting Game (ETA)
50 rectangular wooden pieces, 5 wooden playing boards (5" x 9"), counting book and discs. Numbered pictures on small pieces fit corresponding pictures on boards. Stored in 10½" x 12" wooden box.

CIRCLE BOARD (ETA)
Teaches the child size perception without the factor of shape. The circle forms are raised on the board and painted different colors. Each has a large knob which is easy to grasp. There is ½" different in diameter between any of the five circles.

CLOTHESPIN CIRCLE (ETA)
A pegboard variation which will hold pegs forming four distinct circles. Pegs are easily removed by even most severely handicapped child. Board is 13" in diameter and has 30 holes. Pegs are in four colors.

COLOR CUBES (Playskool)
Parquetry design blocks. Educational play-game for school and home use to encourage creative play and teach color recognition and simple counting. Ages 3-8.

COLOR GARAGE (ETA)
The child moves small rolling cars into the section of the garage that corresponds to the color of the car. Good for cerebral palsied children or older mentally retarded children.

COLOR MATCHING BOARD (ETA)
Four of the cut-outs on the board are painted bright colors to match blocks which fit into them. Each block has a large handle for easier matching.

COLOR STACKING DISCS (Playskool)
A large spindle upon which brightly colored wooden discs of graduated sizes may be arranged. 9 discs varying in diameter stack to a 9" cone.

COORDINATION BOARD (Childcraft)
Raised geometric forms are matched for color and shape to corresponding cutouts in the puzzle board. Useful in challenging manipulation, color and form recognition. 12" x 8 3/4".

MOTOR SKILLS (Continued)

DESIGN STAMPS (Creative Playthings)
Rubber stencils mounted on wooden blocks may be used to create designs and shapes. Ink pad included.

DISCOVERY BALL (DLM)
A plastic ball (6" diameter) composed of sections which may be removed by unscrewing top. Teaches coordination of eye-hand muscles.

DOUBLE-DECK PEG BOARD (ETA)
To give child with a visual handicap excellent practice in depth perception and hand-eye coordination on two levels. Pegs are painted in two colors. Top deck is clear plexiglas. Bottom deck is wood. Each deck has 21 holes in verticle alignment. (12 red and 9 green pegs)

DROP-IN BOX (ETA)
A well-built wooden box with five different shapes to be inserted into proper slots for coordination exercises with handicapped older children. 6½" x 6½" x 5".

EASY-GRIP PEGS AND JUMBO PEG BOARD (Ideal)
Large plastic pegs (1" knob) in six colors. Easy for spastic or handicapped to handle. Useful to develop motor skill and eye-hand coordination.

EYE-HAND COORDINATION GAME (ETA)
Hand sized pegs in 5 colors are inserted into boards drilled to receive them. Degree of difficulty of task can be increased by using fewer boards. Boards are painted, allowing color training by matching pegs to boards. 12 pegs, 4 boards and housing.

FARM ANIMALS (Creative Playthings)
Vinyl farm animals which may be handled by child and afford an excellent play experience for imaginary visits to the countryside.

FARM (Fisher Price)
Barn, silo, farm animals and figures assist child in relating to community life. Parts can be manipulated into correct positions in barn and barn-yard.

FLIP-CHEX (Educational Concepts)
12 puzzles in one kit. Pictures, shapes, colors, and numbers painted on each side of the eight pieces in each puzzle. Parts can be used to aid in matching, word discrimination, rhyming, and number concept and employs eye-hand control.

FOREST FRIENDS (MB)
A game in which players match pictures of animals. There is no reading. For 2, 3, or 4 players.

FORM BOARD (ETA)
Large handles allow children to improve eye-hand motor coordination and practice in grasping. More severely involved children can indicate by pointing or telling which color block goes in which place. Four primary colors are used.

MOTOR SKILLS (Continued)

FORM PUZZLE (DLM)
A colorful exercise in shape matching. The sturdy plastic base has 12 recesses in which different colored geometric shapes are placed. Each insert may be used as a trace-around stencil in introducing the student to the drawing of geometric figures or encourage hand control. The underside of each insert is a vertical-sided dish approximately ¼" deep which may be used as a mold for the production of solid forms from clay.

FOUR-WAY BLOCKS (Creative Playthings)
Set of six wooden blocks 1¼" x 1¼ x 7½". Turn blocks until parts fit together to form four different animals painted on sides of the blocks.

FUZZY-WUZZY LACING CARDS (Whitman)
Eye-hand coordination used to thread plastic laces into the six holes which outline objects and designs on the card.

GEO-FORM BOARDS (Childcraft)
Set of two geometric puzzles. Each puzzle has 12 divisions. Shapes are in high relief and easy to grasp. 7 3/4" x 9 3/4".

GEOMETRIC CABINET (Montessori)
Child learns to visually discriminate between geometric forms and use eye-hand control. 16 geometric colored figures each in its own 4" x 4" template are stored in a solid hardwood cabinet.

GEOMETRIC LEARNING SHAPES (Ideal)
Geometrically cut rubber pieces in primary colors are assembled in hard-rubber trays. 12 shapes in a set. 5½" x 5½" forms.

GEOMETRIC SORTING BOARD (Childcraft)
A self-corrective sorting exercise. Each piece has to fit over the correct group of pegs. Polished wooden base, 7" x 7". Shapes are brightly colored and include circles, triangles, rectangles, and squares. (16 pieces)

HAND-EYE SQUARE PEGBOARD (ETA)
Natural finished wooden board and 20 colored pegs. Pegs fit into notched slots, cannot roll out of reach, and are easily controlled.

HUNDRED PEG BOARD (Judy)
Wooden pegs (red, blue, green, and yellow) help children understand number relationships, color arrangements, and shapes 16" board (1" thick) and 100 colored pegs (3" in diameter, 1¼" long).

JET PLANE (Fisher Price)
Manipulative pull toy (13½" x 6¼" x 11 3/4") makes a whirring sound when pulled. Door lowers to enable small figures to be placed into plane.

MOTOR SKILLS (Continued)

JUMBO WOOD BEADS (Playskool)
Provide opportunities for learning colors and shapes and utilizes eye-hand control. Two strings with plastic tips and 30 extra large wooden beads in five shapes and colors.

KEYS OF LEARNING (NASCO)
Plastic box with six shapes to fit into corresponding slots and six keys to fit key-holes to eject the shapes. Develops coordination and manual control.

LACE BOOT (Playskool)
Lacing boot, drop box combined. 6 figures match three shapes in shoe for shape training. Unlacing the boot releases the figures. 8 11/16" x 6 1/16 x 7 11/16".

LARGE PEGBOARD AND PEGS (Childcraft)
Pegs can be grouped according to color, create designs, and form geometric shapes. Used to explore spatial relationships and count to 100. 2" pegs come in different colors. 10" x 10" board.

LEARNING TOWER (Childcraft)
12 six-sided polyethylene nesting cups in bright colors to provide challenge to stack or nest according to size and shape.

LEGO SYSTEMS (Educational Aids)
Interlocking bricks snap together and pull apart. A combination of sizes and shapes designed for maximum range of creative possibilities. (402 pieces)

LINCOLN LOGS (Playskool)
Ideal for individual or group activity. Eye-hand coordination employed to form shapes from wood pieces.

LOCKING BOX (Creative Playthings)
Smooth wooden box with four sections, each section having a door and a different type of lock. Teaches dexterity in handling different locks.

MECHANICS BENCH (Nasco)
Colorful plastic bench, screws, nuts, bolts, and wrenches can be used to teach manual dexterity.

MINI PEG BOARD (Judy)
25 hole hardboard pegboard mounted on a wooden frame. 40 pegs in four basic colors.

MULTIVARIANT SEQUENCING BEAD AND PATTERNS (DLM)
120 wooden beads in three sizes, four shapes and five basic colors. Can be used to identify size, shape, and color matching.

NUMBER LEARNER (Childcraft)
15 colored foam squares which must be fitted over pegs that stand for each number. Excellent for blind children, youngsters with learning disabilities and other handicapped children. Wood base 4" x 16".

MOTOR SKILLS (Continued)

NUMBER PUZZLE (ETA)
This puzzle is a basic one in which children become acquainted with numbers by handling them. The wooden puzzle tray gives the child something to do with the brightly painted numbers which can fit into recessed spots on the board.

OCCUPATION PUZZLES (Childcraft)
Realistic puzzles portray men and women in working situations. 9" x 12" wooden puzzles with pieces large enough to make handling by spastic or handicapped easier for the individual.

OUTDOOR PUZZLES (Childcraft)
Four colorful beginning puzzles (few pieces per puzzle) with simple cutouts.

PEG ACTIVITY BOX (New York Times Teaching Resources)
Durable plastic pegboard and pegs, excellent for creating free form and geometric designs and visual motor skills. Can also be used to teach numbers. 6" x 16" board.

PERCEPTION PUZZLES (DLM)
These colorful wooden puzzles offer an interesting approach to perceptual learning. Five pigs (chickens) differing in size, present an exercise in graduation, demonstrating concepts of biggest, smallest, in-between, bigger than, and smaller than. Each 10½" x 3¼" puzzle includes a clear wood field in an attractive box.

PICTURE DOMINOS (Ed-U-Cards)
Identifiable objects and shapes shown on 1 5/6" x 3 3/4" cardboard pieces which are matched as in regular dominos. No reading or number concept needed.

PICTURE MATCHING BOARDS (ETA)
Encourages eye-hand coordination in matching identical pictures (on blocks) with those on the board. Boards have 4 or 8 recesses with matching blocks.

PLAY CHIPS (Playskool)
Helps the child discriminate between various shapes, colors, designs, and quantities. 40 hardwood chips (4 basic shapes) in different colors in a carrying case. Holder 5¼" x 6 7/8". Wood chips approximately 2" overall and 5/16" thick.

PLAYSKOOL PUZZLE PLAQUES (Playskool)
All pieces of each puzzle are specifically cut to represent some identifiable part of the subject pictures. Non-toxic colors on top quality woodboard.

PUZZLE BOX (Montessori)
9 shapes - 2 boxes. Teaches visual-manual coordination.

MOTOR SKILL (Continued)

PUZZLES WITH KNOBS (Childcraft)
Brightly colored wood plaque puzzles - excellent for the handicapped child for each piece has its own easy-to-grasp knob. Assorted shapes and pictures. Sharply defined borders make these puzzles excellent for blind and other exceptional children.

PUZZLING DOZEN Childcraft)
Set of 12 colorful puzzles, each with nine plywood pieces. Subjects are familiar objects. Teaches eye-hand coordination.

RAGGEDY ANN GAME (MB)
For 2, 3, or 4 players, ages 4 to 8. Players build pictures of Raggedy Ann and Witch Wiggle using cards obtained by matching the spin of the spinner with characters on the board.

RIG-A-JIG (Landfield)
430 construction parts and 16 page idea book. For ages 3-11. Colored plastic parts can be used to form shapes and objects. To encourage motor skill.

RING TOES (MB)
2 sturdy wooden stakes and 4 heavy rope rings. For 2, 3, or 4 players. Rings are tossed over stakes and points allowed. Good for coordinating eye-hand control.

RUBBER PUZZLES (Childcraft)
6 colorful subjects are depicted in this puzzle set. Easy-to-handle rubber pieces are useful for manually handicapped. 8½" x 11 3/4".

SEE-INTO PUZZLES (Childcraft)
A set of four colorful puzzles. Lift up knobs disclose contents of a room pictured. An effective vocabulary builder for deaf children, mentally retarded children, and others with limited language development. Enamel wood, 8½" x 10"

SELECT-A-BLOCK - Automatic despensing machine (Montessori)
Color coordinated pull levers drop one block at a time. Match blocks to same opening and levers. Ages 2-6.

SHAPE CONCEPT FORMS (Childcraft)
Set of cutout forms representing eight common geometric shapes. For each cutout there is a corresponding colored inset with a knob to facilitate handling. Cut-outs and insets can be traced or fitted together to permit comparisons.

SHAPES/FORMS BOARDS (Ideal)
Rubber strips in colors each with cut-out geometric shapes or pictures which can be removed and rearranged.

SHAPES SORTING BOX (Playskool)
7" x 7" x 7" hardwood box with five shape openings, 10 hardwood blocks for matching and sorting. Helps child in recognition and problem solving.

MOTOR SKILL (Continued)

SIZE AND SHAPE PUZZLES (Childcraft)
Simular to animal puzzles but emphasizes size and shape discrimination. In four to nine pieces they enable the child to start with simple construction and progress to more difficult perceptual tasks. 14" x 12" x 1/2".

SMALL BEADS AND STRINGS (MB)
Wooden beads develop manipulative skill as well as color and pattern descrimination. ½" beads - long round laces string 5 different shapes and colors.

SOMA Game (Creative Playthings)
Plastic cubes of varying dimensions and angles fit together to form 3" x 3" x 3" cube on a base.

SPIROGRAPH (Kenners)
18 transparent plastic wheels, 2 rings, 2 racks, 4 ball point pens (colored). Baseboard and paper patterns book in a fitted storage tray. A simple way for all ages to learn to draw patterns.

STORY BOOK PUZZLES (Childcraft)
Colorful puzzles illustrate favorite stories and rhymes children want to hear. Illustrations painted directly on 9½" x 11½" woodboard.

TALKING TOYS (Mattel)
Circular plastic "talking boxes" with pictures on the face and dial which, when pointed to individual pictures and string is pulled, gives sound corresponding to picture. Valuable in increasing attention span, picture-word association, and motor coordination.

TEACHING CLOCK MUSIC BOX (Fischer Price)
A musical clock teaches time by approved association method. Develops child's interest in music and provides fun-filled method to teach time.

THREADING BLOCKS (Creative Playthings)
Large wooden geometric blocks with colored threads. Useful in eye-hand and finger coordination skills. Changing the order in which holes are threaded creates a variety of patterns on the block.

THREAD-A-BALL (Creative Playthings)
5" plastic ball with swiss cheese holes. Guide fat plastic needle and attached nylon cord through the holes. Helps develop pre-writing skills.

THREADING SEQUENCE (Childcraft)
Threading wooden shapes on and off the increasingly complex wire frames encourages children to develop coordination skills.

TINKERTOY (Questor)
180 parts in a construction set. Patterns included. Can be used for eye-hand coordination in fitting pieces together to form shapes.

MOTOR SKILL (Continued)

TROUBLE game (Kohner)
Plastic playing board and 16 "men" (4 each of 4 colors). Player moves 4 men around circular playing track to "finish" line.

UNITED STATES PUZZLE (Childcraft)
The map of the United States is to be assembled. Pieces are cut from hardwood. Brightly colored states are imprinted with the names of capital cities and symbols showing the principal products and industries.

WEAVING MATS (Ideal)
Colored strips which are woven into 7" x 7" cardboard frames allow children to see a change in color (optical color changes)

WOODEN PEG BOARDS AND PEGS (Nasco)
Smooth, lacquer finished 3 ply board 10" x 10", with 100 holes for 3/16" pegs. Good for eye-hand coordination.

WORKBENCH (Playskool)
Wooden bench equipped with nuts, bolts, screw-driver - to develop coordination skills. Child learns to handle tools, threading and replacement of screws, nuts, bolts, and nails. 11½" x 5½" x 5¼".

XYLOPIPES (Creative Playthings)
Shiny steel pipes on a soft foam base respond to their wooden beaters with bell-like tones. Teaches coordination and rhythm.

ZOO WOODEN PLAYBOARD (Simplex toys)
14 stand-up pieces, easy-lift knobs, non-toxic paints. Ages 2-5.

SENSORY SKILL

ANIMALS (Dick Blick)
Wooden self-standing animals. Thickness varies with each animal from ½" to 3/4". Proportioned sizes 2" to 6" high.

ANIMAL LEARNING SHAPES (Ideal)
Rubber squares in assorted colors (5½" x 5½") each with an animal cut-out which can be removed and replaced. Useful in identifying colors and shapes.

ANIMAL WOODEN PLAYBOARD (Simplex Toys)
14 stand-up animal shapes with easy-lift knobs. Pieces can be handled and moved about by child.

SENSORY SKILL (Continued)

ARITHMETIC TANGIBLES (Creative Playthings)
100 graded foam circles, squares, and triangles which fit into corresponding cut-out areas in a drawer of a box frame, 11" x 11" x 1". Teaches color identification and concept of sizes and shapes.

BABY CHERCHE (ETA)
Hardwood squares with 17 vari-sized circles and half-circles in bright colors which fit into recessed spaces. ½" x 7½" x 7½". Child learns concept of size and color.

BEADED PEGS AND PEG BOARD (Ideal)
Eye-hand coordination and concrete demonstrations of number problems and color sorting and pattern building. 100 hole pegboard and small beaded pegs in six colors.

BUILD-A-SHAPE (Philograph)
24 cards which, when paired, form 12 simple and easily recognized shapes.

CAGE WITH ANIMALS (Dick Blick)
Colored plastic cage with assorted colored plastic animals which may be handled and identified.

CANDY LAND (Ed-U-Cards)
Promotes beginning concepts in reading. For ages 1 - 4. Involves matching colors or objects to progress through Candy Land.

CIRCLE BOARD (ETA)
Teaches the child size perception without the factor of shape. The circle forms are raised on the board and painted different colors. Each has a large knob which is easy to grasp. There is ½" difference in diameter between any of the five circles.

CLOTHESPIN CIRCLE (ETA)
A pegboard variation which will hold pegs forming four distinct circles. Pegs are easily removed even by most severely handicapped child. Board is 13" in diameter and has 30 holes. Pegs are in four colors.

COLOR CUBES (Playskool)
Parquetry design blocks. Educational play-game for school and home use to encourage creative play and teach color recognition and simple counting. For ages 3 - 8.

COLOR GARAGE (ETA)
To teach color matching and color identification. The child matches colors by rolling cars into the section of the garage that matches the color of the car. Good for cerebral palsied child or older mentally retarded children. Color wooden garage and four colored cars.

SENSORY SKILL (Continued)

COLOR MATCHING BOARD (ETA)
This board has one object - to teach color matching. Four cut-outs on the on the board are painted red, blue, yellow, and green to match blocks which fit into them. Each block has a large handle for easier handling.

COLOR STACKING DISCS (Playskool)
A large spindle upon which brightly colored wooden discs of graduated sizes may be arranged. 9 discs varying in diameter stack to a 9" cone. Each hardwood piece has different non-toxic colors in spectrum sequence.

COORDINATION BOARD (Childcraft)
Raised geometric forms are matched for color and shape to corresponding cut-outs in the puzzle board. Useful in challenging manipulation, color, and form recognition. 12" x 8 3/4".

DELUXE PEGBOARD SET (Ideal)
10" x 10" gray plastic pegboard with 25 plastic pegs each of six colors. Develops awareness of geometric shapes and a strong realization of numbers.

DOUBLE-DECK PEG BOARD (ETA)
To give the child with a visual handicap excellent practice in depth perception and hand-eye coordination on two levels. Pegs are painted in two colors. Top deck is clear plexiglas. Bottom deck is wood. Each deck has 21 holes in verticle alignment (12 red and 9 green pegs).

DROP-IN BOX (ETA)
A well-built wooden box with five different shapes to be inserted into proper slots for coordination exercises with handicapped older children. $6\frac{1}{2}$" x $6\frac{1}{2}$" x 5".

EYE-HAND COORDINATION GAME (ETA)
Hand sized pegs in five colors are inserted into boards drilled to receive them. Degree of difficulty of task can be increased by using fewer boards. Boards are painted, allowing color training by matching pegs to boards (12 pegs, 4 boards and housing).

FERRIS WHEEL (Fisher Price)
Music box ferris wheel (three people and dog). Wheel rotates and plays musical tune and figures can be placed into or removed from it.

FOREST FRIENDS GAME (MB)
Players match pictures of animals. There is no reading. For 2, 3, or 4 children.

FORM BOARD (ETA)
For perception of geometric shapes. Large handles allow children to improve eye-hand control and practice in grasping. More severely involved children can indicate by pointing or telling which color block goes into which place. Four primary colors are used.

SENSORY SKILL (Continued)

FORM PUZZLE (DLM)
A colorful exercise in shape matching. The sturdy plastic base has 12 recesses in which different colored geometric shapes are placed. Each insert may be used as a trace-around stencil.

FOUR-WAY BLOCKS (Creative Playthings)
Set of six wooden blocks on which pictures of four animals are painted. Turn blocks until parts fit together for form and animal. $1\frac{1}{4}$" x $1\frac{1}{4}$" x $7\frac{1}{2}$".

GEOMETRIC CABINET (Montessori)
Child learns to visually discriminate between geometric forms and to use eye-hand control. 16 geometric colored figures each in its own 4" x 4" template are stored in a solid hardwood cabinet.

GEOMETRIC LEARNING SHAPES (Ideal)
Geometrically cut rubber pieces in primary colors are assembled in hard-rubber trays. 12 shapes in a set. $5\frac{1}{2}$" x $5\frac{1}{2}$" forms.

GEOMETRIC SORTING BOARD (Childcraft)
A self-corrective sorting exercise. Each piece has to fit over the correct group of pegs. Polished wooden base, 7" x 7". Shapes are brightly colored and include circles, triangles, rectangles, and squares. (16 pieces)

HUNDRED PEG BOARD (Judy)
Wooden pegs (red, blue, green, and yellow) help children understand number relationships, color arrangements, and shapes. 16" board (1" thick" and 100 colored pegs (3" in diameter, $1\frac{1}{4}$" long).

JUMBO WOOD BEADS (Playskool)
Provide opportunities for learning colors and shapes. Two strings with plastic tips and 30 extra large wooden beads in five shapes and colors.

LACING ANIMALS (ETA)
Four wooden animals in colors, each with three laces. Subjects add interest and excitement to routine threading.

LARGE PARQUETRY (DLM)
32 wooden blocks in three shapes and 6 colors to be used with Design Cards (22 cards). Teaches form relationship, visual sequencing, and form and color matching.

LEARNING TOWER (Childcraft)
12 six-sided polyethylene nesting cups in bright colors to provide challenge to stack or nest according to size and shape.

MERRY-GO-ROUND MUSIC BOX (Fisher Price)
Wooden and plastic merry-go-round plays tune and rotates. Small wooden figures can be placed on and removed from the toy. Utilizes eye-hand coordination and appreciation of musical tunes.

SENSORY SKILL (Continued)

MULTIVARIANT SEQUENCING BEAD AND PATTERNS (DLM)
120 wooden beads in three sizes, four shapes, and five basic colors. Can be used to teach simple size, shape, or color matching.

MUSIC BOX TIC-TOCK CLOCK (Fisher Price)
Plays "Grandfather's Clock" when wound. Instructive and interesting. Teaches time by approved association method. Wood case construction 10½" high.

NUMBER PUZZLE (ETA)
This puzzle is a basic one in which children become acquainted with numbers by handling them. The wooden puzzle tray gives the child something to do with the brightly painted numbers which can fit into recessed spots on the board.

PEG ACTIVITY BOX (NYT Teaching Resource)
Durable plastic pegboard and pegs, excellent for creating free form and geometric designs and visual motor skills. Can also be used to teach numbers.

PERCEPTION PUZZLES (DLM)
These colorful wooden puzzles offer an interesting approach to perceptual learning. Pigs (or chickens) differing in size present an exercise in graduation, demonstrating concepts of biggest, smallest, in-between, bigger than, and smaller than. 10½" x 3¼".

PICTURE MATCHING BOARDS (ETA)
Encourages eye-hand coordination in matching identical pictures (on blocks) with those in the board. Boards have 4 or 8 recesses with matching blocks.

PLAY CHIPS (Playskool)
Helps the child discriminate between various shapes, colors, designs, and quantities. 40 hardwood chips (4 basic shapes) in different colors in a carrying case.

PUZZLES WITH KNOBS (Childcraft)
Brightly colored wood plaque puzzles, excellent for the handicapped child for each piece has its own easy-to-grasp knob. Assorted shapes and pictures. Sharply defined borders make these puzzles excellent for blind and other exceptional children.

REELS AND WHEELS (DLM)
18 vari-shaped colored plastic discs to fit over different sized stems. Teaches visual discrimination.

SELECT-A-BLOCK - Automatic dispensing matching (Montessori)
Color coordinated pull levers drop one block at a time. Match blocks to same openings and levers.

SENSORY SKILL (Continued)

SHAPES, COLORS, AND FORMS (Childcraft)
Three basic shapes in primary colors - for learning sizes, shapes, and colors. Fit into a tray which is part of the wood box with sliding cover.

SHAPES/ FORMS BOARDS (Ideal)
10½" x 2½" x ¼" rubber strips in colors, each with a cut-out geometric shape or a picture which can be removed and rearranged.

SHAPES SORTING BOX (Playskool)
7" x 7" x 7" hardwood box with five shape openings, 10 hardwood blocks for matching and sorting. Helps child recognize shapes.

SIZE BOARD (ETA)
Gives the child practice in very elementary size perception. May also be used for color matching and color identification.

SIZE AND SHAPE PUZZLES (Childcraft)
Similar to ANIMAL PUZZLES but emphasizes size and shape discrimination. In four to nine pieces they enable the child to start with simple construction and progress to more difficult perceptual tasks. 14" x 12" x ½".

STRINGING RINGS (Childcraft)
Flat wooden discs have large holes and the string has an extra-long tip at each end. 40 enameled rings in bright primary colors. Helpful for eye-hand coordination for more severely handicapped.

TALKING TOYS (Mattel)
Circular plastic "talking boxes" (10" diameter) with pictures on the face and a dial which, when pointed to individual pictures and the string is pulled, gives sound corresponding to picture. Topics include "The Bee Says - ," "The Farmer Says - ", and "Mother Goose says - ". Valuable in increasing attention span, picture-word association, and motor coordination..

TEDDY BEAR COUNTERS (MB)
100 plastic teddy bear counters in three colors (red, blue, yellow). A multi-sensory introduction to numbers.

TELL-BY-TOUCH (Childcraft)
Feel the textured knob and place it in the matching textured hole. This wooden put-together develops tactile discrimination.

THREE BEARS PUZZLE (ETA)
Gives the child practice in recognizing the size differences with the factor of shape involved. This puzzle has large, cutout pieces of the three bears- the bear forms are raised from the board. The puzzle has been used with blind children of kindergarten age to aid in determining relative sizes and shapes.

SENSORY SKILL (Continued)

TRANSPORT PUZZLE (Dick Blick)
Double forms of vehicles in primary and secondary colors fit into recessed positions on a plastic board. Teach elementary forms and colors.

TV MUSIC BOX (Fisher Price)
Music plays and picture-story appears across the screen. (8½" high)
Several different stories included in series.

WORK BENCH (Playskool)
Wooden bench equipped with nuts, bolts, screw driver to develop coordination ski
Child learns to handle tools, threading and placement of screws, nuts, bolts, an
nails.

XYLOPIPES (Creative Playthings)
Steel pipes on a soft foam base respond to the wooden beaters with bell-like ton
Teaches coordination and rhythm.

ZOO WOODEN PLAYBOARD (Simplex Toys)
14 stand-up pieces, easy-life knobs, painted in natural colors with non-toxic pa

PUBLISHERS

Built-Rite Toys
Warren Paper Products Co.
Lafayette, Indiana 57901

Child Guidance
See Nasco

Childcraft
Educational Corporation
964 Third Avenue
New York, New York 10022

Creative Playthings
A Division of Columbia
Broadcasting System, Inc.
Princeton, New Jersey 08540

Dick Blick
P. O. Box 1267
Galesburg, Illinois 61401

Ed-U-Cards Corp.
60 Austin Blvd.
Commack, New York 11725

Educational Aids
DeHaven Avenue
West Conshohocken, Pa. 19428

Educational Games, Inc.
200 Fifth Avenue
New York, New York 10010

Educational Teaching Aids
159 WEst Kinzie Street
Chicago, Illinois 60610

Fisher-Price Co.
606 Girard Avenue
East Aurora, New York 14052

General Learning Toy Corp
200 Fifth Avenue
New York, New York

Judy
310 N. 2nd Street
Minneapolis, Minn.

Kenner Products Co. (General Mills)
912 Sycamore
Cincinnati, Ohio 45202

Kenworthy Educational Services, Inc.
138 Allen
Buffalo, New York 14205

Kohner Brothers, Inc.
1 Paul Kohner Place
East Patterson, New Jersey 07407

Mattel, Inc.
5150 Rosecrans
Hawthorne, California 90250

Milton Bradley Company
Springfield, Mass. 01101

Montessori
See Dick Blick

Nasco
901 Janesville Ave.
Fort Atkinson, Wisconsin 53565

Parker Bros., Inc.
P. O. Box 900
Salem, Massachusets 01970

Philograph Pub. Limited
Northway Andover Hants, England

Play Hour
See Pressman Toy Corp.

Playskool Inc.
3720 N. Kedzie Avenue
Chicago, Illinois

Pressman Toy Corp.
200 Fifth Avenue
New York, New York 10010

Questor Educational Products Co.
1055 Bronx River Avenue
Bronx, New York 10451

PUBLISHERS (Continued)

SelRite
114 E. 32nd Street
New York, New York

Sixplex
See Childcraft

Trend Enterprises
St. Paul, Minnesota 55165

Whitman Publishing Co.
Racine, Wisconsin 53401